

ABSTRACT OF THE DISCLOSURE

A universal remote control is provided. For each channel supported, a mode is initially established as rolling mode. For a fixed code appliance, a fixed
5 code is received and stored, and the mode changed to fixed mode. When an activation request is received, the mode associated with that activation input is examined. If the mode is rolling mode, a sequence of rolling code activation signals is transmitted, each based on one of the plurality of rolling code transmission schemes. If the mode is fixed mode, at least one activation signal is transmitted
10 based on a fixed code transmission scheme and including a reversal or an inverse of the stored fixed code.